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TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER					
DESIGNATED/ELECTED OFFICE (DO/EO/US)	03500.102481					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION N (1 Phow) 537 9 61.52 4 9					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED -					
PCT/JP2005/012266 June 27, 2005	June 28, 2004					
TITLE OF INVENTION LIQUID DISCHARGE HEAD MANUFACTURING METHOD, AND LIQUID DISCHARGE HEAD OBTAINED USING THIS METHOD						
APPLICANT(S) FOR DO/EO/US						
(1) Masahiko Kubota, (2) Takumi Suzuki, (3) Tamaki Sato, (4) Ryoji Kanri, (5) Maki Hatta, (6) Kazuhiro Asa	i, (7) Shoji Shiba, (8) Etsuko Hino, (9) Hiroe Ishikura					
and (10) Akihiko Okano						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).						
5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. X is attached hereto (required only if not communicated by the International Bureau).						
b. X has been communicated by the International Bureau.						
c. is not required, as the application was filed in the United States Receiving Office	(RO/US).					
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
a. is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Burea	au).					
b. Thave been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. X have not been made and will not be made.						
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C.						
371(c)(5)).						
Items 11 to 20 below concern other document(s) or information included:	Lat					
11. X An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and 6 documents cited						
12. X An assignment document for recording. A separate cover sheet in compliance with 37 CF	R 3.28 and 3.31 is included.					
13. A preliminary amendment.						
14. X An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.						
16. A power of attorney and/or change of address letter.	-427 CED 1 921 1 925					
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 at 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).	iiu 37 CfK 1.021 • 1.023.					
	35 II S C 154(d)(4)					
20. X Other items or information: (i) First Notice under PCT Rule 47.1(c) (PCT/IB/308); (ii) Published sheets); and (iii) Notification Under PCT Rule 44.1 (PCT/ISA/220), International Search Report (PC						
(PCT/ISA/237).						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Page 1 of 2

IAP15 Rec'd PCT/PTO 18 APR 2006

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U.S. APPLICATION 10. ###Bown 2007 CPR. IA 9 INTERNATIONAL APPLICATION NO. PCT/JP2005/012266		ATTORNEY'S DOCKET NUMBER 03500.517989				
The following fees are submitted:			CALCULATIONS	PTO USE ONLY		
21. X Basic national fee			\$300.00			
22. X Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provision of PCT Article 33(1)-(4)			\$200.00			
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$400.00			
TOTAL OF 21, 22 and 23 =			\$900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
70- 100 =	0/50 =	0	x \$250.00	\$ 0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).			\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	16 -20 =	0	x \$ 50	\$ 0.00		
Independent Claims	1 - 3 =	0	x \$200	\$ 0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360		\$ 360.00				
		TOTAL OF ABOVE CALCU	LATIONS =	\$ 1260.00	11.11.11.11.11	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			\$			
SUBTOTAL =			\$ 1260.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			s			
TOTAL NATIONAL FEE =			\$ 1260.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00			
TOTAL FEES ENCLOSED =			\$ 1300.00			
			Amount to be refunded:	\$		
			Amount to be charged:	\$		
a. X Checks in th	e amount of \$1260.00 a	nd \$40.00 to cover the above fees are enclose	d.			
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1205 . A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
Fitzpatrick, Cella, Harper & Scinto SIGNATURE						
30 Rockefeller Plaza Douglas W. 1		Pinsky				
New York, NY 10112-3800 NAME						
46,994			ON NI IMPER			
REGISTRATIO				IN INDIMBER		